

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-6. (Cancelled).

7. (Currently Amended) An electromechanically operable disc brake for motor vehicles comprising a brake caliper and an actuator arranged at the brake caliper, with two friction linings cooperating with each one lateral surface of a brake disc, with at least one of the friction linings being movable into engagement with the brake disc by way of the actuator, and the actuator having an electric motor that is driven by means of an electronic control and regulation unit, wherein the control and regulation unit [[is]] being arranged at the actuator, the disc brake further comprising a plurality of first spacers extending from the control and regulation unit, and a plurality of second spacers extending from the actuator, the plurality of first spacers coupling with the plurality of second spacers to interconnect the control and regulation unit with the actuator, the first and second spacers forming a gap between the control and regulation unit and the actuator.

8. (Previously Presented) The electromechanically operable disc brake as claimed in claim 7, wherein the control and regulation unit is thermally uncoupled from the actuator.

9. (Previously Presented) The electromechanically operable disc brake as claimed in claim 8, wherein the thermal uncoupling is achieved by means of spacers between the actuator and the control and regulation unit.

10. (Previously Presented) The electromechanically operable disc brake as claimed in claim 7, wherein the electric connection between the control and regulation unit and the actuator is provided as a plug coupling.

11. (Currently Amended) The electromechanically operable disc brake as claimed in claim 10, wherein the plurality of first spacers and the plurality of second spacers comprise a heat-insulating material control and regulation unit is connected to the actuator in such a fashion that their separation is only possible with special tools.

12. (Previously Presented) The electromechanically operable disc brake as claimed in claim 8, wherein both the actuator and the control and regulation unit are designed as subassemblies that can be independently handled and tested.